

## Publications:

1. Development of rapid and sensitive high throughput assays for marine phycotoxins. 1992 **Natural Toxins** 2:189-196. [Abstract Available](#)
2. Neuroexcitatory and neurotoxic actions of the amnesic shellfish poison, domoic acid. 1994 **NeuroReport** 5:981-985. [Abstract Available](#)
3. Enhancement of domoic acid by reintroducing bacteria to axenic cultures of the diatom *Pseudo-nitzschia multiseries*. 1995 **Natural Toxins** 3:428-435. [Abstract Available](#)
4. A high throughput domoic acid receptor binding assay utilizing microplate scintillation technology. 1995 In **Harmful Marine Algal Blooms**, Lavoisier, Intercept Ltd. pp. 365-370.
5. Acclimation to low light in photosynthesis and growth of *Psuedo-nitzschia multiseries* (Hasle), a neurotoxicogenic diatom. 1996 **J. of Plankton Research** 18:1427-1438.
6. Glutamate receptors and calcium entry mechanisms for domoic acid in hippocampal neurons. 1996 **NeuroReport** 7:1115-1120. [Abstract Available](#)
7. Effects of silicate limitation on production of domoic acid, a neurotoxin, by the diatom *Pseudo-nitzschia multiseries*. II. Continuous culture studies. 1996 **Mar. Ecol. Prog. Ser.** 131: 235-243
8. Brain Fos induction is a sensitive biomarker for the lowest observed neuroexcitatory effects of domoic acid. 1996 **Applied and Fundamental Toxicology** 31:162-168. [Abstract Available](#)
9. Microplate receptor assays: laboratory procedures for analysis of marine biotoxins. 1996 **Proceedings of the Workshop Conference on Seafood Intoxications: Pan American Implications of Natural Toxins in Seafood**, Miami, FL pp. 50-56.
10. Changes in domoic acid production and cellular chemical composition of the toxigenic diatom, *Pseudo-nitzschia multiseries* under phosphate limitation. 1996 **J. Phycology** 32(3):371-381.
11. A microplate assay for the amnesic shellfish poisoning toxin, domoic acid, utilizing a cloned glutamate receptor. 1997 **Analytical Biochemistry** 245:102-105. [Abstract Available](#)
12. Domoic acid is a potent neurotoxin to neonatal rats. 1997 **Natural Toxins** 5:74-79. [Abstract Available](#)
13. Microplate receptor assay: tools for monitoring seafood toxins. 1997 **Wallac World Wide ISSN1238-5735** 2: winter.
14. Repeated independent exposures to domoic acid do not enhance symptomatic toxicity in outbred or seizure-sensitive inbred mice. 1997 **Applied and Fundamental Toxicology** 40:63-67. [Abstract Available](#)
15. Working memory deficits induced by single but not repeated exposures to domoic acid. 1998 **Toxicon** 37:1025-1039.
16. Bacterial interactions with harmful algal bloom species: bloom ecology, toxigenesis, and cytology. 1998 **The Physiological Ecology of Harmful Algal Blooms**. pp. 619-648.
17. Domoic acid production near coastal California upwelling zones. 1998 **Limn. and Ocean.** 45:1818-1833.

18. DNA probes and a receptor-binding assay for detection of *Pseudo-nitzschia* (Bacillariophyceae) species and domoic acid activity in cultured and natural samples.1999 **J. Phycology** 35: 1356-1367.
19. Detection of domoic acid in Northern anchovies and California sea lions associated with an unusual mortality event.1999 **Natural Toxins** 7: 85-92. [Abstract Available](#)
20. Mortality of sea lions along the central California coast linked to a toxic diatom bloom.2000 **Nature** 403: 80-84. [Abstract Available](#)
21. "Shellfish Toxins" Chapter.:2000 **Marine and Freshwater Products Handbook**. Technomic Publishing Co., Inc., Lancaster. Pp.727-738.
22. Accumulation of domoic acid activity in copepods. In: Hallegraeff, G.M., Blackburn, S.I., Bolch, C.J. & Lewis, R.J. (eds.) "**Harmful Algal Blooms 2000**". Proc. 9th Int. Conf. harmful ALgal Blooms, IOC-UNESCO, Paris 2001
23. Health and Ecological impacts of harmful algal blooms: risk assessment needs.2001 **Human and Ecological Risk Assessment** 7: 1329-1345.
24. *Pseudo-nitzschia pseudodelicatissima*-a confirmed producer of domoic acid from the northern Gulf of Mexico.2001 **Marine Ecology Progress Series** 220:83-92
25. Amnesic shellfish poisoning in the kingscallop, *Pecten maximus*, from the coast of Scotland. 2001 **Journal of Shellfish Research**, 20(1) pp. 75-84.
26. Development of a protocol for determination of domoic acid in the sand crab (*Emerita analoga*): a possible new indicator species.2002 **Toxicon** 40(5):485-492 [Abstract Available](#)
27. Krill: A Potential vector for Domoic acid in marine food webs .2002 **Marine Ecology Progress Series**. 237:209-216
28. *Emerita analoga* (STIMPSON)-Possible new indicator species for the phycotoxin domoic acid in California coastal water 2002. **Toxicon** 40:1259-1265